

This product is RoHS compliant.

A subsidiary of TT electronics plc

Infrared LEDs

• Wavelength (nm): 880

MOUSER STOCK NO.	Package	P _d (mW)	Price Each		
			1	10	100
828-OP200	0805	130	.38	.33	.23
828-OP250	1206	130	.38	.33	.23
828-OP251	1206	130	.44	.38	.27
828-OP270	1.9mm Axial	130	.51	.43	.30
828-OP271	1.9mm Gull	130	.50	.43	.30
828-OP272	1.9mm Yoke	130	.50	.43	.30
828-OP273	1.9mm Z-Bend	130	.54	.45	.32
828-OP280	PLCC-2	130	.48	.40	.28

Infrared NPN Phototransistors-Surface Mount

• Wavelength (nm): 890

MOUSER STOCK NO.	Package	IC (on) (mA)	P _d (mW)	Price Each		
				1	10	100
828-OP520	1206	.25	75	.32	.27	.24
828-OP521	1206	.25	75	.30	.25	.22
828-OP522	1206	.50	75	.30	.25	.22
828-OP580	PLCC-2	1.0	75	.48	.36	.32
828-OP570	1.9mm Axial	2.5	130	.39	.29	.26
828-OP571	1.9mm Gull	2.5	130	.32	.27	.24
828-OP572	1.9mm Yoke	2.5	130	.30	.23	.20
828-OP573	1.9mm Z-Bend	2.5	130	.32	.27	.24

Infrared NPN Phototransistors-Thru-Hole

• Wavelength (nm): 890

MOUSER STOCK NO.	Package	IC (on) (mA)	P _d (mW)	Price Each		
				1	10	100
828-OP505A	T1	4.3	100	.63	.56	.51
828-OP506A	T1	4.3	100	.80	.70	.65
828-OP506B	T1	2.15	100	.80	.70	.65
828-OP599A	T1-3/4	2.35	100	.69	.61	.56
828-OP550A	Side Look	2.55	100	.71	.64	.60
828-OP598A	TO-18	7.5	100	.71	.64	.60
828-OP598B	TO-18	5.0	100	.71	.63	.58
828-OP805SL	TO-18	15.0	250	2.25	1.98	1.82

Fluid Sensors

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Tube Size (in)	Lead Type	Wave-length	Sensor	Price Each		
						1	10	100
828-OPB350L062	A	0.062	PCB Pins	890nm	Transistor	7.40	6.63	5.38
828-OPB350	A	0.125	PCB Pins	890nm	Transistor	6.68	5.42	4.85
828-OPB350L187	A	0.187	PCB Pins	890nm	Transistor	7.40	6.63	5.38
828-OPB350L250	A	0.25	PCB Pins	890nm	Transistor	6.87	6.38	5.01
828-OPB350W062Z	B	0.062	Wire Leads	890nm	Transistor	9.65	8.45	7.02
828-OPB350W187Z	B	0.187	Wire Leads	890nm	Transistor	9.31	8.14	6.77
828-OPB350W250Z	B	0.25	Wire Leads	890nm	Transistor	8.98	8.14	6.54

Color Sensors

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Number of Colors	Supply Voltage	Operating Temp Range	Price Each		
					1	10	100
828-OPB780Z	C	256	2.7-5.5	-40° - +70°C	21.73	20.42	18.12
Light to Frequency Kit Description							
828-OPB780KIT	D	Color sensor light to frequency kit			95.00	90.00	-

Reflective Object Sensors

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Cont. Forward Current (mA)	Sensor	Forward Voltage (VF)	Price Each		
					1	10	100
828-OPB733TR	E	50	Transistor	1.7	2.99	2.56	1.93
828-OPB609AX	F	50	Transistor	1.7	.72	.54	.36
828-OPB609RA	G	50	Transistor	1.7	.72	.54	.36
828-OPB609GU	H	50	Transistor	1.7	.85	.54	.46
828-OPB700Z	I	100	Transistor	1.7	8.26	6.02	5.58
828-OPB701ALZ	I	100	Transistor	1.7	10.80	9.71	9.17
828-OPB710	J	50	Transistor	1.5	7.67	5.26	4.81
828-OPB742	K	40	Transistor	1.7	2.89	2.52	2.20
828-OPB745	K	40	Transistor	1.7	3.81	2.88	2.67
828-OPB716Z	L	50	Transistor	4.75	7.96	7.76	6.75
828-OPB770TZ	M	10	Logic	4.75	8.25	6.40	6.20

Hollogic® Hall Effect Sensors

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Operating Point (Min./Typ./Max.)	Release Point	Supply Curr. (Typ./Max.)	Price Each		
					1	10	100
828-OH090U	N	0/90/180	-100/65/100	6/9(mA)	2.79	1.95	1.60
828-OHS3140U	N	45/-/270	25/-/250	4/7(mA)	3.11	1.95	1.88

Optical Switches

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Output Type	Slot Width (in.)	Lead Spacing (in.)	Price Each		
					1	10	100
828-OPB420AZ	O	Transistor	45° Ref.	---	5.81	4.77	4.38
828-OPB420BZ	O	Transistor	45° Ref.	---	5.74	4.71	4.32
828-OPB620	P	Transistor	0.19	0.325	1.99	1.69	1.50
828-OPB804	P	Transistor	0.15	0.31	2.02	1.71	1.52
828-OPB818	P	Transistor	0.20	0.41	2.85	2.26	2.11
828-OPB848	P	Transistor	0.10	0.31	2.60	2.22	1.99
828-OPB610	P	Transistor	0.15	0.28	1.99	1.69	1.50
828-OPB680	Q	Transistor	Flag	0.28	4.87	4.24	3.88
828-OPB819Z	R	Transistor	1.26	---	6.63	5.18	4.80
828-OPB930W55Z	S	Photologic®	0.125	---	6.05	5.23	4.88

Fiber Optic LED

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Output Power Min/Typ	Fiber	Lead Spacing (in.)	Price Each		
					1	10	100
828-OPF1414T	T	13.2µW / 26.0µW	50/125	100	15.29	13.77	12.61
828-OPF370A	U	25.0µW / 29.0µW	50/125	100	9.77	8.00	7.34
828-OPF372A	V	25.0µW / 29.0µW	50/125	100	17.43	15.40	13.85

Fiber Optic Pin Photodiodes and Receivers

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Responsively Min./Typ.	Output Rise Time (ns)	Output Current (mA)	Price Each		
					1	10	100
828-OPF2416T	T	5.3 / 7.0 (mV/µW)	3.3	25	14.28	12.85	11.79
828-OPF470	U	.45 / .55 (A/W)	6.0	---	10.12	8.19	7.59
828-OPF480	U	.45 / .55 (A/W)	1.0	---	7.85	6.70	6.05
828-OPF482	V	.45 / .55 (A/W)	1.0	---	15.49	13.94	12.78

Optoisolators

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Fig.	Isolation Voltage	Cont Forward Current	Current Transfer Ratio	Price Each		
					1	10	100
828-OP11264A	W	10K	40mA	25%	2.99	2.47	2.20

